Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 (currently amended). An image bearing article, comprising:

a) a support;

b) a visible image recorded on the support, the visible image having a plurality of image pixels; and

c) invisible information recorded on the support, the invisible information having a plurality of invisible data elements, each said invisible data element relating to and being in registration with elements a corresponding one of the image pixels of the visible image.

2 (original). The article claimed in Claim 1, wherein the visible image is a pictorial image.

3 (original). The article claimed in Claim 2, wherein the invisible information is recorded as a pattern of invisible ink deposited by an inkjet printer.

4 (original). The article claimed in Claim 2, wherein the invisible information is recorded as a pattern of invisible dye in a photographic emulsion layer.

5 (original). The article claimed in Claim 2, wherein the invisible information is recorded as a pattern of invisible dye deposited by sublimation from a donor.

6 (original). The article claimed in Claim 2, wherein the pictorial image is a photographic image.

7 (original). The article claimed in Claim 2, wherein the pictorial visible image is a computer generated image.

8 (currently amended). The article claimed in Claim 1, wherein the invisible information is distance information relating to the ~~scene elements~~ respective image pixels.

9 (currently amended). The article claimed in Claim 1, wherein the invisible information is a classification of the ~~scene elements~~ respective image pixels.

10 (currently amended). The article claimed in Claim 1, wherein the invisible information is a difference between the ~~image element~~ each of the image pixels and a corresponding element in a separate image.

11 (currently amended). The article claimed in ~~Claim 8~~ Claim 10, wherein the visible image and the separate image comprise a stereo pair.

12 (currently amended). The article claimed in Claim 1, wherein the invisible information is an attribute of the color or exposure of the ~~elements~~ respective image pixels.

13 (currently amended). The article claimed in Claim 1, wherein the visible image is a constrained image and the invisible information represents ~~the difference~~ a difference between the constrained image and an unconstrained version of the image.

14 (currently amended). The article claimed in ~~Claim 11~~ Claim 13, wherein the visible image is constrained in resolution.

15 (currently amended). The article claimed in ~~Claim 11~~ Claim 13, wherein the visible image is constrained in dynamic range.

16 (currently amended). The article claimed in ~~Claim 11~~ Claim 13, wherein the visible image is constrained in color gamut.

17 (currently amended). The article claimed in Claim 1, wherein the invisible information is detectable in the ultraviolet region of the electromagnetic spectrum.

18 (currently amended). The article claimed in Claim 1, wherein the invisible information is detectable in the infrared region of the electromagnetic spectrum.

19 (original). The image bearing article claimed in Claim 1, wherein the invisible information is recorded in multiple layers on the support.

20 (original). The image bearing article claimed in Claim 1, wherein the article contains a temporal sequence of images.

21 (original). The image bearing article claimed in Claim 1, wherein the invisible information is recorded at a resolution different from that of the visible information.

22 (currently amended). A method of recording an image, comprising the steps of:
a) recording a visible image on a medium, the visible image having a plurality of image pixels; and
b) recording invisible information on the medium, the invisible information having a plurality of invisible data elements, each said invisible data element relating to ~~the visible image~~ and being in registration with ~~elements~~ a corresponding one of the image pixels of the visible image ~~on the support~~.

23 (currently amended). The method claimed in ~~Claim 20~~ Claim 22, wherein the visible image is a pictorial image.

24 (currently amended). The method claimed in ~~Claim 21~~ Claim 23, wherein the invisible information is recorded as a pattern of invisible ink deposited by an inkjet printer.

25 (currently amended). The method claimed in ~~Claim 21~~ Claim 23, wherein the invisible information is recorded as a pattern of invisible dye in a photographic emulsion layer.

26 (currently amended). The method claimed in ~~Claim 21~~ Claim 23, wherein the invisible information is recorded as a pattern of invisible dye deposited by sublimation from a donor.

27 (currently amended). The method claimed in ~~Claim 21~~ Claim 23, wherein the pictorial image is a photographic image.

28 (currently amended). The method claimed in ~~Claim 21~~ Claim 23, wherein the pictorial image is a computer generated image.

29 (currently amended). The method claimed in ~~Claim 20~~ Claim 22, wherein the invisible information is distance information relating to the ~~scene elements~~ respective image pixels.

30 (currently amended). The method claimed in ~~Claim 20~~ Claim 22, wherein the invisible information is a classification of the ~~scene elements~~ respective image pixels.

31 (currently amended). The method claimed in ~~Claim 20~~ Claim 22, wherein the invisible information is a difference between each of the image ~~element~~ pixels and a corresponding element in a separate image.

32 (currently amended). The method claimed in ~~claim 27~~ Claim 31, wherein the visible image and the separate image comprise a stereo pair.

33 (currently amended). The method claimed in ~~Claim 20~~ Claim 22, wherein the invisible information is an attribute of the color or exposure of the ~~elements~~ respective image pixels.

34 (currently amended). The method claimed in ~~Claim 20~~ Claim 22, wherein the visible image is a constrained image and the invisible information represents ~~the difference~~ a difference between the constrained image and an unconstrained version of the image.

35 (currently amended). The method claimed in ~~Claim 30~~ Claim 34, wherein the visible image is constrained in resolution.

36 (currently amended). The method claimed in ~~Claim 30~~ Claim 34, wherein the visible image is constrained in dynamic range.

37 (currently amended). The method claimed in ~~Claim 30~~ Claim 34, wherein the visible image is constrained in color gamut.

38 (currently amended). The method claimed in ~~Claim 20~~ Claim 22, wherein the invisible information is detectable in the ultraviolet region of the electromagnetic spectrum.

39 (currently amended). The method claimed in ~~Claim 20~~ Claim 22, wherein the invisible information is detectable in the infrared region of the electromagnetic spectrum.

40 (currently amended). The method bearing article claimed in ~~Claim 20~~ Claim 22, wherein the invisible information is recorded in multiple layers on the ~~support~~ medium.

41 (currently amended). The method bearing article claimed in ~~Claim 20~~ Claim 22, wherein the article contains a temporal sequence of images.

42 (currently amended). The method bearing article claimed in Claim 20 Claim 22, wherein the invisible information is recorded at a resolution different from that of the visible information image.